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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **GROUP 1600**

Application of:

R. ZAMBIAS et al.

Serial No.: 09/009,846

Group Art Unit: 1618

Filed: January 20, 1998

Examiner: P. Achutamurthy

For: LOGICALLY ORDERED ARRAYS OF
COMPOUNDS AND METHODS OF
MAKING AND USING THE SAMEAttorney Docket No.:
5925-061*9/B
Marmor
1/8/99
NE***AMENDMENT**

Assistant Commissioner for Patents
BOX AF
Washington, D.C. 20231

Sir:

In response to the final office action dated November 23, 1998, applicants submit the following amendments and comments into the file of this application.

In the Claims:

Amend as follows:

1. (amended) A logically-ordered, spatially-addressable array of at least 10 compounds having a same common linear, branched or cyclic molecular core comprising at least three atoms of carbon, nitrogen, oxygen, phosphorus or sulfur and at least two structural diversity elements, wherein the molecular cores have attachment points for the structural diversity elements, an ability to present the structural diversity elements in controlled varying arrangements, and an ability to be constructed in a rapid concerted fashion, said array comprising at least a first sub-array and a second sub-array, wherein the compounds composing the first sub-array each have at least one common structural diversity element and the compounds composing the second sub-array each have at

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